

IN THE CLAIMS

1. (Currently amended) A power plant for generating electric power ~~by means of~~ comprising fuel cells, ~~characterized in that~~ wherein the installed peak power of the power plant is more than two times higher than the average generated power.

2. (Currently amended) ~~A~~ The power plant according to claim 1, wherein the power plant comprises more than ten, ~~preferably more than a hundred,~~ fuel cell stacks.

3. (Currently amended) ~~A~~ The power plant according to claim 1 ~~or 2~~, which is coupled to an electrochemical production process in which hydrogen is released, and which is arranged for generating electric power, using at least part of said hydrogen, and supplying at least part of the generated electric power to the electrochemical production process.

4. (Currently amended) ~~A~~ The power plant according to claim 3, wherein the fuel cell stacks are connected in strings, and wherein the voltage of said strings at least substantially corresponds to the DC voltage that is required in the electrochemical process.

5. (Currently amended) ~~A~~ The power plant according to ~~any one of the claims 2-4~~ claim 2, wherein the installation time of the fuel cells in the power plant at least substantially corresponds to the life span of the fuel cell stacks.

6. (Currently amended) ~~A~~ The power plant according to ~~any one of the preceding claims~~ claim 1, wherein the fuel cells are arranged such that at least some of the ~~installed~~ fuel cells are exchangeable without switching off other ~~installed~~ fuel cells that are operating.

7. (Currently amended) A method for generating electric power, comprising:

using a power plant for generating electric power comprising fuel cells, wherein the installed peak power of the power plant is more than two times higher than the average generated power~~the power plant according to any one of the preceding claims,~~_i

~~wherein~~supplying at least part of the generated power ~~is supplied~~ to an electrochemical process in which hydrogen is released_i and ~~wherein~~
utilizing at least part of said hydrogen ~~is utilised~~ by the power plant for generating electric power.

8. (Currently amended) A ~~The~~ method according to claim 7, and further comprising adding series-connected fuel cell stacks to increase~~wherein the DC voltage supplied by the power plant is increased by adding series connected fuel cell stacks,~~ such that the current in the electrochemical process is maintained at an at least substantially constant level.

9. (Currently amended) A ~~The~~ method according to claim 7, and further comprising maintaining ~~wherein the current in the electrochemical process, and thus the production, is maintained~~ at an at least substantially constant level through the addition of parallel-connected fuel cell stacks.

10. (New) The power plant according to claim 2, which is coupled to an electrochemical production process in which hydrogen is released, and which is arranged for generating electric power, using at least part of said hydrogen, and supplying at least part of the generated electric power to the electrochemical production process.

11. (New) The power plant according to claim 1, wherein the power plant comprises more than a hundred fuel cell stacks.

12. (New) The power plant according to claim 11, which is coupled to an electrochemical production process in which hydrogen is released, and which is arranged for generating electric power, using at least part of said hydrogen, and supplying at least part of the generated electric power to the electrochemical production process.